

FIGURE 1

loci	allelic designation	size (bp)	loci	allelic designation	size (bp)	loci	allelic designation	size (bp)	loci	allelic designation	size (bp)
TH01	4	150	D8	7	157	D18	8	266	FGA (LMW)	16.1	173
	5	154		8	161		9	270		17	176
	6	158		9	165		10	274		18	180
	7	162		10	169		11	278		19	184
	8	166		11	173		12	282		20	188
	9	170		12	177		13	286		21	192
	9.3	173		13	181		14	290		22	196
	10	174		14	185		15	294		23	200
	11	178		15	189		16	298		24	204
	13.3	189		16	193		17	302		25	208
D21	53	203		17	197		18	306		26	212
	54	205		18	201		19	310		27	216
	56	209		19	205		20	314		28	220
	57	211	VWA	10	122		21	318		29	224
	59	215		11	126		22	322		30	228
	61	219		12	130		23	326		30.2	230
	63	223		13	134		24	330		31.2	234
	65	227		14	138		25	334		32.2	238
	67	231		15	142		26	338		33.2	242

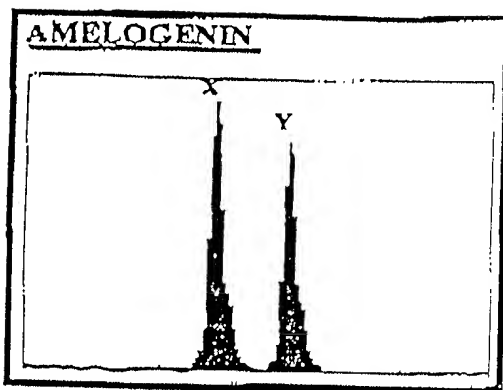


Fig 2a

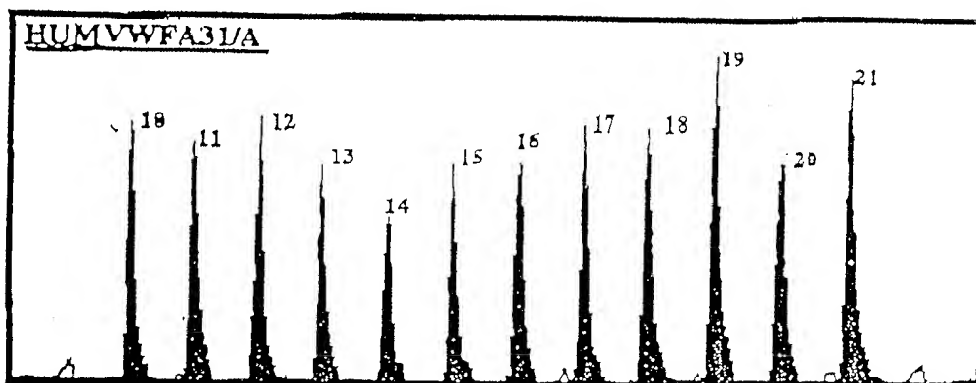


Fig 2b

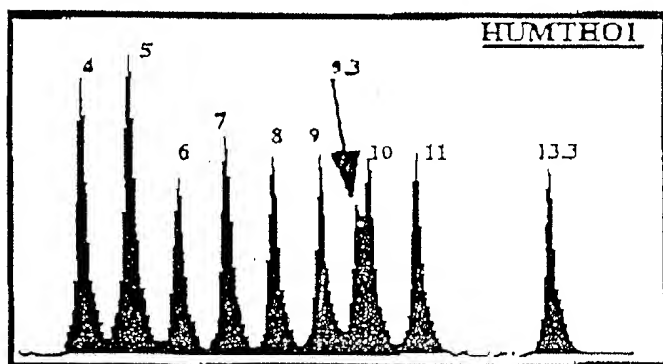


Fig 2c

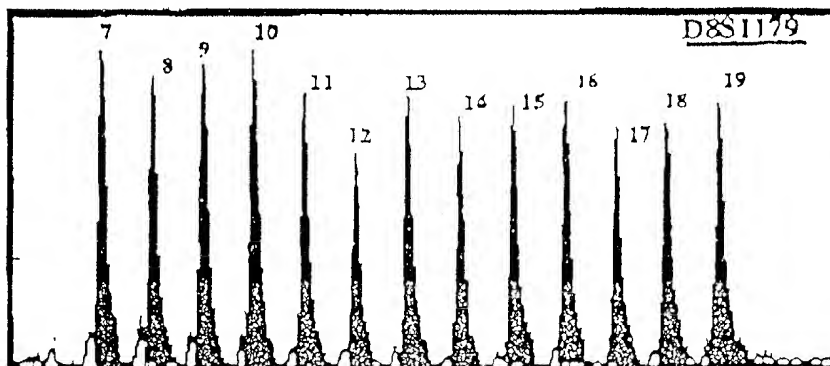


Fig 2d

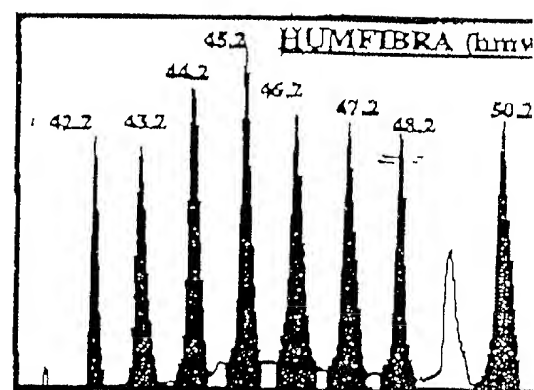
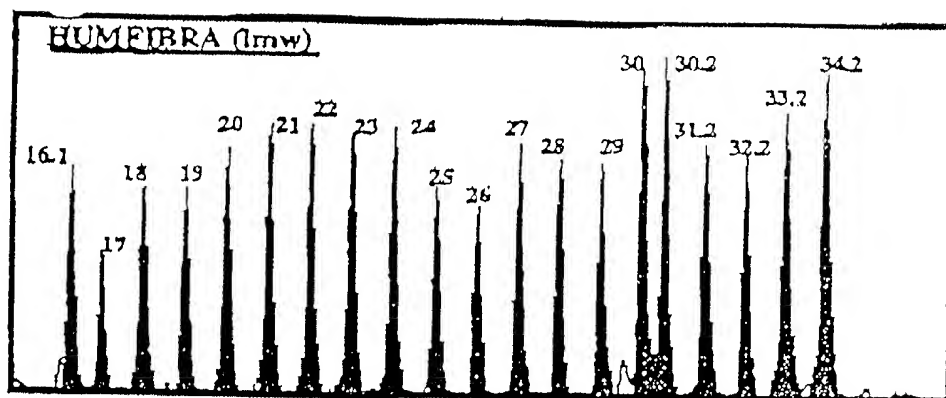


Fig 2e

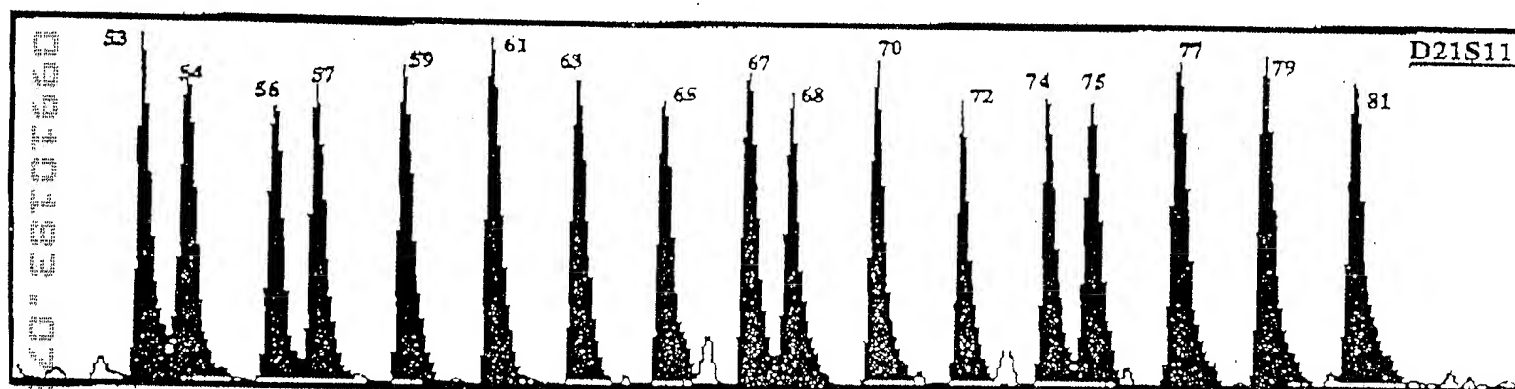


Fig 2F

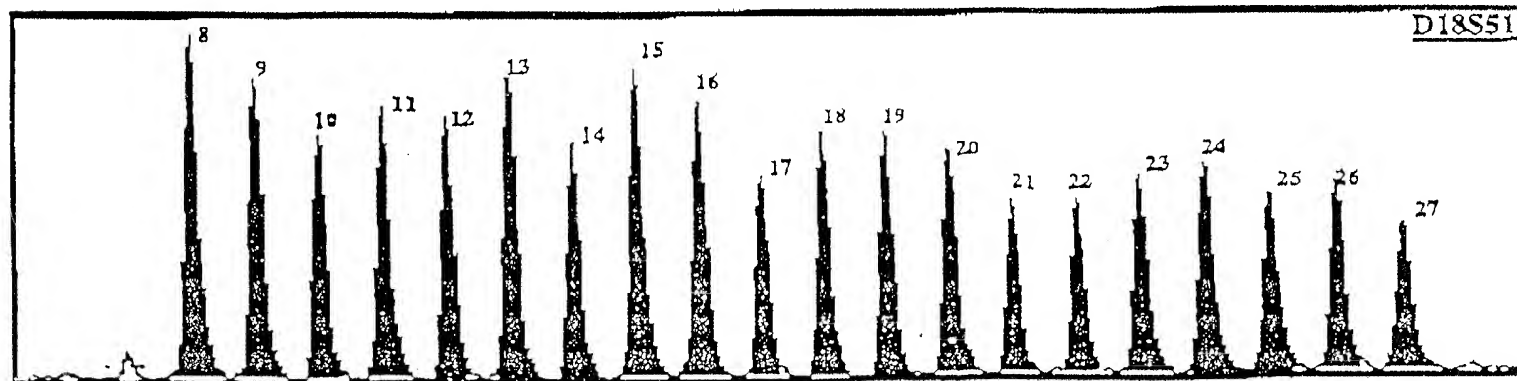


Fig 2g

HUMVWAF31/A sequences

10 TCTA TCTG TCTA (TCTG)₄ (TCTA)₅

12 TCTA (TCTG)₄ (TCTA)₇

13 (TCTA)₂ (TCTG)₄ (TCTA)₅ TCCA (TCTA)₅ (TCCA)₂ T

(Note also that the 13 allele has a typical 3' flanking sequence (highlighted). The usual sequence is TCCA TCTA T.)

Fig 3a

HUMTHO1 sequences

13.3 (TCAT)₄ CAT (TCAT)₇ TCGT^{12th} TCAT.

Fig 3b

D8S1179 sequences

7 (TCTA)₈;

19 (TCTA)₂ TCTG (TCTA)₁₆;

Fig 3c

HUMFIBRA(FGA) Repeat Sequences

16.1 (TTTC)₃ TTTT TTCT (CTTT)₅ T (CTTT)₅ CTCC (TTCC)₂.

27 (TTTC)₃ TTTT TTCT (CTTT)₁₅ CCIT (CTTT)₅ CTCC (TTCC)₂.

30 (TTTC)₃ TTTT TTCT (CTTT)₁₆ CCIT (CTTT)₅ CTCC (TTCC)₂.

31.2 (TTTC)₄ TTTT TT (CTTT)₁₅ (CTTC)₃ (CTTT)₃ CTCC (TTCC)₄.

32.2 (TTTC)₄ TTTT TT (CTTT)₁₆ (CTTC)₃ (CTTT)₃ CTCC (TTCC)₄.

33.2 (TTTC)₄ TTTT TT (CTTT)₁₇ (CTTC)₃ (CTTT)₃ CTCC (TTCC)₄.

42.2 (TTTC)₄ TTTT TT (CTTT)₈ (CTGT)₄ (CTTT)₁₃ (CTTC)₄ (CTTT)₃ CTCC (TTCC)₄.

43.2 (TTTC)₄ TTTT TT (CTTT)₈ (CTGT)₅ (CTTT)₁₃ (CTTC)₄ (CTTT)₃ CTCC (TTCC)₄.

44.2 (TTTC)₄ TTTT TT (CTTT)₁₄ (CTGT)₅ (CTTT)₁₄ (CTTC)₃ (CTTT)₃ CTCC (TTCC)₄.

45.2 (TTTC)₄ TTTT TT (CTTT)₁₀ (CTGT)₅ (CTTT)₁₃ (CTTC)₄ (CTTT)₃ CTCC (TTCC)₄.

47.2 (TTTC)₄ TTTT TT (CTTT)₁₂ (CTGT)₅ (CTTT)₁₄ (CTTC)₃ (CTTT)₃ CTCC (TTCC)₄.

48.2 (TTTC)₄ TTTT TT (CTTT)₁₄ (CTGT)₅ (CTTT)₁₄ (CTTC)₄ (CTTT)₃ CTCC (TTCC)₄.

Fig 3d

D21S11 alleles

- 53 (TCTA)₄ (TCTG)₆ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA (TCTA)₆ TCGTCT
- 54 (TCTA)₅ (TCTG)₆ (TCTA)₃ TCA (TCTA)₂ TCCATA (TCTA)₉ TCGTCT
- 56 (TCTA)₅ (TCTG)₆ (TCTA)₃ TCA (TCTA)₂ TCCATA (TCTA)₁₀ TCGTCT
- 57 (TCTA)₄ (TCTG)₆ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA (TCTA)₈ TCGTCT
- 59 (TCTA)₅ (TCTG)₅ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA (TCTA)₉ TCGTCT
- 61 (TCTA)₄ (TCTG)₆ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA (TCTA)₁₀ TCGTCT
- 63 (TCTA)₄ (TCTG)₆ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA (TCTA)₁₁ TCGTCT
- 65 (TCTA)₆ (TCTG)₅ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA (TCTA)₁₁ TCGTCT
- 67 (TCTA)₅ (TCTG)₆ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA (TCTA)₁₂ TCGTCT
- 68 (TCTA)₅ (TCTG)₆ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA (TCTA)₁₁ TA TCTA TCGTCT.
- 70 (TCTA)₅ (TCTG)₆ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA (TCTA)₁₂ TA TCTA TCGTCT
- 72 (TCTA)₅ (TCTG)₆ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA (TCTA)₁₃ TA TCTA TCGTCT
- 74 (TCTA)₅ (TCTG)₆ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA (TCTA)₁₄ TATCTA TCGTCT
- 75 (TCTA)₁₀ (TCTG)₅ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA (TCTA)₁₂ TCGTCT
- 77 (TCTA)₁₁ (TCTG)₅ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA (TCTA)₁₂ TCGTCT
- 79 (TCTA)₁₁ (TCTG)₅ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA (TCTA)₁₃ TCGTCT
- 81 (TCTA)₁₃ (TCTG)₅ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA (TCTA)₁₂ TCGTCT

D18S51 sequences

8 (AGAA)₈

Fig 3e

Fig 3F

00010401660